

PARTIAL LEGEND:

- 30" TALL WEATHERPROOF STAINLESS STEEL PEDESTAL WITH GFCI DUPLEX RECEPTACLE. PEDOC POWER SOLUTIONS #1P30-SS-HT. RE: "PEDESTAL OUTLET DETAIL," B/E-203.
- 30" TALL WEATHERPROOF STAINLESS STEEL DIVIDED PEDESTAL WITH GFCI DUPLEX RECEPTACLE AND DATA OUTLET. PEDOC POWER SOLUTIONS #2P30-SS-D-HT. PROVIDE RJ-45 DATA JACK. RE: "PEDESTAL OUTLET DETAIL," B/E-203.

GENERAL NOTES:

- CONTRACTOR SHALL EXERCISE EXTREME CARE TO MAINTAIN ALL EXISTING UTILITIES WITHOUT INTERRUPTION. CONTRACTOR SHALL IMMEDIATELY REPAIR ANY DAMAGE INADVERTENTLY RENDERED TO EXISTING UTILITIES BY HIS WORK.
- UTILITY OUTAGES MUST BE COORDINATED NOT LESS THAN 8 CALENDAR DAYS PRIOR TO OUTAGE.
- REFERENCE CIVIL DRAWINGS FOR OTHER EXISTING UTILITIES NOT SHOWN ON THIS DRAWING. INFORMATION REPRESENTED BETWEEN THIS DRAWING AND CIVIL DRAWINGS IS THE BEST INFORMATION AVAILABLE. HOWEVER, ACCURACY IS NOT GUARANTEED. AND OTHER UTILITIES MAY BE PRESENT BEYOND WHAT ARE SHOWN. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND PROTECT ALL UTILITIES WHETHER SHOWN OR NOT.
- CONTRACTOR SHALL DAYLIGHT ALL EXISTING UTILITIES BY HAND BEFORE COMMENCING WITH MACHINE DIGGING.
- MINIMUM CONDUIT SIZE THIS SHEET SHALL BE 1", ROUTED AT LEAST 24" BFG, UNO.

KEYED NOTES:

- UNDERGROUND FEEDER ROUTED FROM EXISTING GENERATOR TO AUTOMATIC TRANSFER SWITCH "ATS-2". 4 #3, 1 #4 GND., & 20 #14 IN 1" INNERDUCT, 4"C. CONCRETE ENCASED. RE: DETAIL F/E-203. INCLUDE (2) #10 CONDUCTORS FOR SHUNT-TRIP TO BREAKER AT GENERATOR. RE: "ONE-LINE DIAGRAM - 480V SERVICE," A/E-102.
- NEW 16"L X 12"W X 4"D NEMA 1 PULL BOX WITH SCREW COVER MOUNTED TO STRUCTURE ABOVE.
- EXTEND 4" CONDUIT FROM STUB-UP IN CORNER OF ROOM TO EXISTING ATS. ROUTE CONDUIT OVERHEAD IN ELECTRICAL ROOM.
- PULL CONDUCTORS THROUGH ONE OF THE 4" DUCTS. EXTEND CONCRETE ENCASED DUCT AS SHOWN. KEEP REMAINING DUCT ACCESSIBLE FOR FUTURE EXTENSION.
- NEW EMERGENCY FEEDER CONDUCTORS AND INNER DUCT WITH START/EPO CONDUCTORS IN EXISTING SPARE 4" CONDUIT.
- NON-FUSED 400A DISCONNECT WITH SIDE CAR FEED AND CAM-LOCK CONNECTORS. EATON #DH42SURKNLSC. FRONT OF DISCONNECT SHALL FACE WEST. LOCATE FRONT SURFACE OF SIDE CAR 4'-0" FROM EDGE OF CURB. RE: "400A QUICK CONNECT SAFETY SWITCH DETAIL," E/E-205.
- 4 #600 KCMIL, 1 #3 GND., 3 1/2"C.
- NON-FUSED 200A DISCONNECT WITH SIDE CAR FEED AND CAM-LOCK CONNECTORS. EATON #DH464URKNLSC. FRONT OF DISCONNECT SHALL FACE WEST. LOCATE FRONT SURFACE OF SIDE CAR 4'-0" FROM EDGE OF CURB. RE: "200A QUICK CONNECT SAFETY SWITCH DETAIL," D/E-205.
- 4 #4/0, 1 #4 GND., 3"C.
- HAZARDOUS AREA ASSOCIATED WITH PROPANE STORAGE TANK. RE: NEC ARTICLE 515.
- EXISTING 4" CONDUIT STUB UP.
- TERMINATE CONDUIT ON EXISTING ATS AND ROUTE TO GENERATOR THROUGH SPARE 4" UNDERGROUND CONDUIT. BIND CONDUCTORS TOGETHER WITH WIRE TIES AND ROUTE IN RIGHT REAR CORNER OF ATS. MARK CABLES "EMERGENCY POWER TO PSL."
- 2 #10, 1 #10 GND., 1"C. (BURIED).
- PROVIDE (4) 50'-0" 200A TYPE "W" CABLES, AND (1) 50'-0" #6 TYPE "W" CABLE ALL WITH COLOR CODED CAMLOCK CONNECTORS ON ONE END OF EACH CABLE TO MATE WITH CONNECTORS ON THE DISCONNECT. OTHER END OF CABLE SHALL BE TERMINATED ON UPS TRAILER BY THE FAA.
- PROVIDE (4) 50'-0" 400A TYPE "W" CABLES, AND (1) 50'-0" #3 TYPE "W" CABLE ALL WITH COLOR CODED CAMLOCK CONNECTORS ON ONE END OF EACH CABLE TO MATE WITH CONNECTORS ON THE DISCONNECT. OTHER END OF CABLE SHALL BE TERMINATED ON UPS TRAILER BY THE FAA.
- PROVIDE (4) 40'-0" 400A TYPE "W" CABLES, AND (1) 40'-0" #3 TYPE "W" CABLE ALL WITH COLOR CODED CAMLOCK CONNECTORS ON ONE END OF EACH CABLE TO MATE WITH CONNECTORS ON THE DISCONNECT. OTHER END OF CABLE SHALL BE TERMINATED ON UPS TRAILER BY THE FAA.
- 1" CONDUIT WITH CONDUCTORS AS REQUIRED TO FUEL MONITORING PANEL. DO NOT STUB UP INSIDE EG LAB HAZARDOUS AREA. STUB UP ON EXTERIOR OF BUILDING ADJACENT TO CONTROL PANEL AND "LB" THROUGH WALL ABOVE HAZARDOUS AREA.
- STUB UP TO HIGH LEVEL SILENCE BUTTON AND HIGH LEVEL ALARM MODULE AT 46" AFF AND 56" AFF RESPECTIVELY. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL. PROVIDE CONDUIT SEALS AS REQUIRED BY CODE.

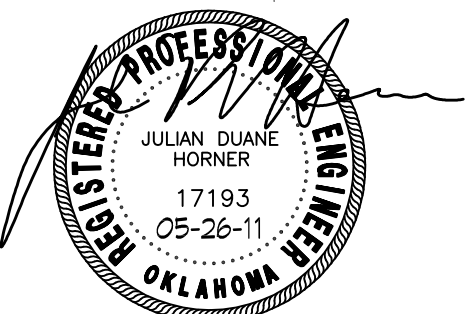
**REES ASSOCIATES INC**  
ARCHITECTURE PLANNING INTERIORS  
REES PLAZA AT EAST WHARF  
9211 LAKE HEFNER PARKWAY, SUITE 300  
OKLAHOMA CITY, OKLAHOMA 73120  
P: 405.942.7337 F: 405.948.1261

**Mechanical Engineer**  
**050 Engineering Company**  
228 Robert S. Kerr Ave., Suite 515  
Oklahoma City, OK 73102  
P: 405.236.2030 F: 405.239.6101

**Electrical Engineer**  
**Horne Associates Engineers, Inc.**  
1306 Commerce Drive  
Norman, OK 73071  
P: 405.801.2528 F: 405.801.2529

**Civil Engineer**  
**MacArthur Associated Consultants**  
3033 NW 63rd St., Ste. 250E  
Oklahoma City, OK 73116  
P: 405.848.2471 F: 405.848.2474

**Structural Engineer**  
**Zahl-Ford, Inc.**  
8411 S. Walker  
Oklahoma City, OK 73139  
P: 405.634.3393 F: 405.634.6414



**H-AE** Horner Associates Engineers, Inc.  
1306 Commerce Dr., Norman, OK 73071  
Certificate of Registration No. 013528, Expires 6/30/2011  
info@hoeinc.com P: (405) 801-2528 Fax: (405) 801-2529  
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100% SUBMITTAL				
REV	DATE	DESCRIPTION	CHECK	APP'D
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA PSL - POWER SERVICES LABORATORY				
ELECTRICAL SITE PLAN Construction Work Request No: 09-018745				
PREPARED BY <b>Rees Associates</b>		APPROVED BY <b>Jon Berkman</b>		
DESIGNED JGH	ISSUED BY OFFICE OF B/LP	DATE May 26, 2011	DRAWING NO. E-202	
DRAWN B/LP	FACILITY MANAGEMENT AMP-400	WORK ORDER NO. 09-018745	08-008257	
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